IEEE Xplore®
RELEASE 2.6

Welcome United States Patent and Trademark Office

Celebrating 125 Years
of Engineering the Future

IEEE

BROWSE | SEARCH | IEEE XPLORE GUIDE | SUPPORT

Search Results

Results for "(((select or choose or use or provide) and (routing) and (default) and (table or destination or inte..."
Your search matched **14** of 2036033 documents.
A maximum of **100** results are displayed. **100** to a page, sorted by **Relevance in Descending** order.

📧 e-mail 🖨️ printer friendly

New [Beta]
Application Notes

GLOBALSPEC

Search Options

View Session History

New Search

Key

📖 Open access content

IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

Modify Search

[(((select or choose or use or provide) and (routing) and (default) and (table or destination o] **Search »**

☐ Check to search only within this results set

Display Format: ○ Citation ● Citation & Abstract

| IEEE/IET | Books | Educational Courses | Application Notes [Beta] |

Interactive online content developed from IEEE conference tutorials.

✓ **view selected items** | Select All | Deselect All

☐ 1. **"Direction" assisted Geographic Routing for mobile ad hoc networks**
Biao Zhou; Yeng-Zhong Lee; Gerla, M.;
Military Communications Conference, 2008, MILCOM 2008, IEEE
16-19 Nov. 2008 Page(s):1 - 7
Digital Object Identifier 10.1109/MILCOM.2008.4753610
Summary: In geographic routing protocols (e.g. GPSR), a node makes packet forwarding decisions based on the coordinates of its neighbors and the packetpsilas destination. Geo-routing uses greedy forwarding as a default; if this fails (e.g. the packet is trapp.....

AbstractPlus | Full Text: PDF(3282 KB) IEEE CNF
Rights and Permissions

☐ 2. **Bandwidth-Aware Routing in Overlay Networks**
Sung-Ju Lee; Banerjee, S.; Sharma, P.; Yalagandula, P.; Basu, S.;
INFOCOM 2008. The 27th Conference on Computer Communications. IEEE
13-18 April 2008 Page(s):1732 - 1740
Digital Object Identifier 10.1109/INFOCOM.2008.235
Summary: In the absence of end-to-end quality of service (QoS), overlay routing has been used as an alternative to the default best effort Internet routing. Using end-to-end network measurement, the problematic parts of the path can be bypassed, resulting in .....

AbstractPlus | Full Text: PDF(692 KB) IEEE CNF
Rights and Permissions

☐ 3. **Minimax open shortest path first routing algorithms in networks supporting the SMDS service**
Lin, F.Y.S.; Wang, J.L.;
Communications, 1993. ICC 93. Geneva. Technical Program, Conference Record, IEEE International Conference on
Volume 2, 23-26 May 1993 Page(s):666 - 670 vol.2
Digital Object Identifier 10.1109/ICC.1993.397358
Summary: Two quasi-static minimax open shortest path first (OSPF) routing algorithms in networks supporting the Switched Multi-megabit Data Service (SMDS) are presented and compared. In OSPF routing, the network is modeled as a graph and each link is associat.....

AbstractPlus | Full Text: PDF(528 KB) IEEE CNF
Rights and Permissions

4. Application-oriented routing in hybrid wireless networks

Yuan Sun; Belding-Royer, E.M.;

Communications, 2003. ICC '03. IEEE International Conference on

Volume 1, 11-15 May 2003 Page(s):502 - 506 vol.1

Summary: Hybrid wireless networks are a viable networking solution to combat the limitations of infrastructured wireless networks and provide Internet connectivity to ad hoc networks. This paper first analyzes the requirements for deployment of hybrid network....

AbstractPlus | Full Text: PDF(298 KB)   IEEE CNF

Rights and Permissions

5. Eutelsat services for IP access

Fitch, M.; Rhodes, H.;

Eutelsat - New Products and Services (Ref. No. 2000/030), IEE Colloquium on

7 April 2000 Page(s):5/1 - 510

Summary: Satellite links are increasingly being used to boost the bandwidth to Internet service providers (ISP) from Western Europe and the US. The bandwidth required is often asymmetric or even one-way, with the greater traffic flow away from the US. This pa.....

AbstractPlus | Full Text: PDF(576 KB)   IET CNF

6. A Path Setup Scheme in HAWII

Li Ming; Huang Chang lai; Gao Chuan shan;

Hybrid Information Technology, 2006. ICHIT '06. International Conference on

Volume 1, 9-11 Nov. 2006 Page(s):197 - 202

Digital Object Identifier 10.1109/ICHIT.2006.253487

Summary: HAWII (handoff-aware wireless access Internet infrastructure) is a micromobility protocol in IP network. To provide transparent mobility to correspondent hosts, HAWII segregates the network into a hierarchy of domains. While moving in a domain, the m.....

AbstractPlus | Full Text: PDF(272 KB)   IEEE CNF

Rights and Permissions

7. Prediction-based routing through least cost delay constraint

Kim, Y.G.; Shiravi, A.; Min, P.S.;

Parallel and Distributed Processing Symposium, 2004. Proceedings. 18th International

26-30 April 2004 Page(s):56

Digital Object Identifier 10.1109/IPDPS.2004.1302979

Summary: Summary form only given. To control data network for a delay constraint application, it is necessary to understand the behavior of packet delay and the network traffic. In data network, the type of service (TOS) bits are included in the IP header to .....

AbstractPlus | Full Text: PDF(1453 KB)   IEEE CNF

Rights and Permissions

8. FLUTE: Fast Lookup Table Based Rectilinear Steiner Minimal Tree Algorithm for VLSI Design

Chu, C.; Yiu-Chung Wong;

Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on

Volume 27, Issue 1, Jan. 2008 Page(s):70 - 83

Digital Object Identifier 10.1109/TCAD.2007.907068

Summary: In this paper, we present a very fast and accurate rectilinear Steiner minimal tree (RSMT) algorithm called fast lookup table estimation (FLUTE). FLUTE is based on a precomputed lookup table to make RSMT construction very fast and very accurate for l.....

AbstractPlus | Full Text: PDF(544 KB)   IEEE JNL

Rights and Permissions

9. Authentication and key generation for mobile IP using GSM authentication and roaming

Haverinen, H.; Asokan, N.; Maattanen, T.;

Communications, 2001. ICC 2001. IEEE International Conference on

Volume 8, 11-14 June 2001 Page(s):2453 - 2457 vol.8

Digital Object Identifier 10.1109/ICC.2001.936589

Summary: A new authentication, authorization and accounting (AAA) infrastructure for use on the Internet is being developed at the IETF. AAA support is also being specified for mobile IP. The paper describes an implemented prototype system that demonstrates h.....

AbstractPlus | Full Text: PDF(400 KB)   IEEE CNF

Rights and Permissions

10. Dynamic power saving in fat-tree interconnection networks using on/off links
Alonso, M.; Coll, S.; Martinez, J.M.; Santonja, V.; Lopez, P.; Duato, J.;
Parallel and Distributed Processing Symposium, 2006. IPDPS 2006. 20th International
25-29 April 2006 Page(s):8 pp.
Digital Object Identifier 10.1109/IPDPS.2006.1639599
Summary: Current trends in high-performance parallel computers show that fat-tree interconnection networks are one of the most popular topologies. The particular characteristics of this topology, that provide multiple alternative paths for each source/destina.....

AbstractPlus | Full Text: PDF(192 KB)   IEEE CNF
Rights and Permissions

11. The flow detection protocol design in multiprotocol over ATM
Huang Ke; Sun Hairong; Zhou Mingtian;
Communication Technology Proceedings 1998, ICCT '98, 1998 International Conference on
22-24 Oct. 1998 Page(s):414 - 418 vol.1
Digital Object Identifier 10.1109/ICCT.1998.743268
Summary: A key to ATM's success and Internet's further success will be the ability to allow for interoperation between the existing network technologies and ATM. The MPOA (multiprotocol over ATM) which is presented and standardized by ATM Forum in July 1997, ...

AbstractPlus | Full Text: PDF(416 KB)   IEEE CNF
Rights and Permissions

12. An Application Router for SIP Servlet Application Composition
Cheung, E.; Purdy, K.H.;
Communications, 2008. ICC '08. IEEE International Conference on
19-23 May 2008 Page(s):1802 - 1806
Digital Object Identifier 10.1109/ICC.2008.346
Summary: The SIP servlet standard offers a familiar Java application programming interface (API) for developing session initiation protocol (SIP) applications, and the upcoming version 1.1 specification standardizes how multiple SIP servlet applications are c.....

AbstractPlus | Full Text: PDF(232 KB)   IEEE CNF
Rights and Permissions

13. Mobile IP version 6 (MIPv6) route optimization security design
Nikander, P.; Arkko, J.; Aura, T.; Montenegro, G.;
Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th
Volume 3, 6-9 Oct. 2003 Page(s):2004 - 2008 Vol.3
Digital Object Identifier 10.1109/VETECF.2003.1285376
Summary: Mobile IPv6 (MIPv6) allows a mobile node to talk directly to its peers while retaining the ability to move around and change the currently used IP address. This mode of operation is called route optimization (RO), as it allows the packets to traverse.....

AbstractPlus | Full Text: PDF(302 KB)   IEEE CNF
Rights and Permissions

14. ProtoPeer: From Simulation to Live Deployment in One Step
Galuba, W.; Aberer, K.; Despotovic, Z.; Kellerer, W.;
Peer-to-Peer Computing , 2008. P2P '08. Eighth International Conference on
8-11 Sept. 2008 Page(s):191 - 192
Digital Object Identifier 10.1109/P2P.2008.13
Summary: Simulators are a commonly used tool in peer-to-peer systems research. However, they may not be able to capture all the details of a system operating in a live network deployment. Transitioning from simulation to the actual system implementation is a .....

AbstractPlus | Full Text: PDF(110 KB)   IEEE CNF
Rights and Permissions